

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.

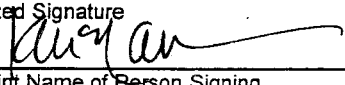
X 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The cells on these sheets are protected except for the ones that need information. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section 1: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
City of Tracy		San Joaquin County	
Authorized Signature 		Title	
		Director, Parks and Community Services Dept	
Type/Print Name of Person Signing	Date	Phone ()	
Karen McNamara		(209) 831-4209	
Person Completing This Form (please print or type)		Title	
Jim Greco		Owner/Principal	
Affiliation:	California Waste Associates		
Mailing Address	City	State	ZIP Code
P. O. Box 5177	El Dorado Hills	CA	95762
E-mail address <u>igwaste@aol.com</u>			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved base-year:	2. Proposed new generation-based study year:
1990	2001

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The City has experienced significant growth during the past decade. And during the last 5-6 years a number of new major programs have been developed and implemented, namely: a MRF, yard waste composting facility, and wood grinding operation. It is also felt that an updated diversion study with more accurate disposal reporting would result in a more accurate derivation of the city's estimated waste generation.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 43 %	Diversion rate calculated using new generation-based study	b. 69.2 %
For existing base year pounds/person/day based on generation	10.1	For new generation based study pounds/person/day based on generation	20.6
Residential generation 13%	Non-Residential Generation 87%	Residential generation 21%	Non-Residential Generation 79%
Population existing generation-based study 33,558		Population new generation-based study 61,178	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The new diversion rate is the result of a detailed Generation Study. The new study accounts for tonnages using actual volumes and weights, whereas the 1990 base year study established tonnages based on estimations. The new study reflects the actual diversion activities within the City, as well as provides a tool to predict further need, and success, of existing diversion programs and those planned for expansion or new implementation. The City has experienced much commercial and residential growth. New diversion programs, educational outreach, and technical assistance programs have been piloted or implemented in the City, as described in the PARIS section of the City's Annual Report. As the City grows, it is further committed to pursuing continued increases in recycling by further improving and expanding programs and diversion opportunities.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The City has implemented a significant number of diversion programs since 1990. With the growth of the economy of the City, waste reduction and recycling needs and efforts have also expanded. The City has expanded and improved existing programs through Tracy Delta Disposal Service (TDDS), the franchise hauler, and affiliated businesses. TDDS has developed a state-of-the-art materials recovery/composting facility, and wood waste grinding operation and is currently exploring the feasibility of implementing a single stream curbside recyclables collection system. The default adjustment method does not accurately reflect the impact of the diversion programs and does not accurately reflect the increase in the growth of the community. Just as the 1990 base year study based tonnages on estimation rather than actual weights, many diversion activities were not accurately identified in the 1990 base year study. The new 2001 study has enabled the City to gain a clearer understanding of the existing disposal and diversion activities and also provided information for additional programs.

7. Disposal Tonnage: (enter values)	33683	37094	70777
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc>)

☒ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed non-Residential waste audit information in Section 9.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at http://www.ciwmb.ca.gov/lgcentral/paris/codes/reduce.htm	(A)	(A/Total Generation)			
Residential Activities:					
Source Reduction					
Backyard composting	0.00	0.00%			
Grasscycling	0.00	0.00%			
Other Residential source reduction (list each program separately)					
Reuse (PARIS 1060)	101.00	0.04%	Donated clothing, furniture	300 lbs/tri-wall box	Diversion survey form
Enter program name		0.00%			
Enter program name		0.00%			
Enter program name		0.00%			
Enter program name		0.00%			
Subtotal Residential Source Reduction	101.00	0.04%			
Recycling					

Curbside Recycling (PARIS 2000)	2,198.00	0.95%	Mixed paper, news, CB, and container materials (Al, plastic, glass, metal cans)	Source: Hauler	Tracy Delta Disposal Service (TDDS)
Buyback Centers (PARIS 2020)	1,385.00	0.60%	CRV containers	Source: DOC	Letter, report
Drop-off Centers (PARIS 2010)	519.00	0.23%	Cardboard, newspaper, mixed container materials (includes DOC CRV)	Source: Hauler (tonnage included in other programs)	TDDS
Other Residential recycling (list each program separately)					
White Goods (PARIS 4030)	0.00	0.00%	Appliances	Source: Hauler (tonnage included in other programs)	TDDS
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Recycling	4,102.00	1.78%			
Composting					
Curbside GW (PARIS 3000)	9,875.00	4.29%	Yard Waste	Source: Hauler	TDDS
Other Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	9,875.00	4.29%			
Subtotal Residential Diversion	14,078.00	6.11%			
Non-Residential Activities:					
Source Reduction					
Non-Residential Waste Audits					
Other non-Residential source reduction (list each program separately)					
Grasscycling (PARIS 1000)	2,578.00	1.12%	Grass clippings	0.1466 tons per week/52 weeks/338 acres. Source: CIWMB, Z.Poulson	Supporting records.
Reuse/Exchange (PARIS 1060)	367.00	0.16%	Produce	Source: grocers	Diversion survey form

Enter program name					
Enter program name					
Subtotal Non-Residential Source Reduction	2,945.00	1.28%			
Recycling					
Non-Residential Waste Audits*					
Other non-Residential recycling (list each program separately)					
Commercial Onsite P/U (PARIS 2030)	6,566.00	2.85%	Cardboard, mixed paper	Source: Hauler (tonnage included in other programs)	TDDS
School Recycling (PARIS 2050)	0.00	0.00%	Mixed paper	Source: Hauler (tonnage included in other programs)	TDDS
Commercial Selfhaul (PARIS 2040)	10,249.00	4.45%	Cardboard, mixed paper	Source: Businesses	Diversion survey form
ADC (PARIS 7040)	7,955.00	3.45%	C&D, sludge, mixed	CIWMB DRS	CIWMB DRS
MRF (PARIS 7000)	0.00	0.00%	Various recyclables	TDDS	TDDS
Subtotal Non-Residential Recycling	24,770.00	10.76%			
Composting					
Non-Residential Waste Audits*					
Other non-Residential composting (list each program separately)					
Commercial Self Haul GW (PARIS 3030)	275.00	0.12%	Yard Waste	Source: Hauler Records	TDDS
Other/Composting (PARIS 3070)	142.00	0.06%	Yard Waste	Source: Grocer Records	Diversion survey form
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	417.00	0.18%			
Subtotal Non-Residential Diversion	28,132.00	12.22%			
Residential/Non- Residential Diversion Activities					
Sludge (PARIS 4010)	2,000.00	0.87%	Dried sludge	Source: Hauler Survey	Diversion survey form
Tires (PARIS 4030)	40.00	0.02%	Tires	Source: MRF Operator	Diversion survey form
Scrap Metal (PARIS 4040)	1,686.00	0.73%	Scrap metals	Source: MRF Operator	TDDS
Wood Waste (PARIS 4050)	311.00	0.14%	Wood	Source: MRF Operator	TDDS

Rubble/Asphalt/Concrete (PARIS 4060)	113,168.00	49.15%	Inerts	Source: 2 aggregate processors	Diversion survey letters
Rendering (PARIS 4090)	73.00	0.03%	Bone and fat	Source: Grocers	Diversion survey form
Subtotal Residential/Non-Residential diversion	117,278.00	50.93%			
Total Diversion Tons	159,488.00	69.26%			
Total Disposal Tons from Sec.7	70,777.00	30.74%			
Total Generation Tons (Div+Dis)	230,265.00				

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number *	Specific/Major Diversion Activities include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other _____
Company IP (Paper Mfr)	A	OCC recycling		8052.00		8052.00	3.5%	P, M
City PWD, Parks	B	Grasscycling (grass clippings)	2578.00			2578.00	1.1%	P, O
WWTP	C	Sludge		2000.00		2000.00	0.9%	P, M
Grocery Store S	D	Produce, CB, plastic film, bone & fat	322.00	635.00		957.00	0.4%	P, M
Hardware Store O	E	CB, plastic film		610.00		610.00	0.3%	P, M
Grocery Store SM	F	CB, plastic film, bone and fat		334.00	142.00	476.00	0.2%	P, M, O
Discount Store W	G	CB recycling		385.00		385.00	0.2%	P, M
Grocer A	H	Produce, CB, plastic film, bone & fat	11	258.00		269.00	0.1%	P, M
Company MI	I	CB recycling		48.00		48.00	0.0%	P, M, O
						0.0%		
Totals			2911.00	12322.00	142.00	15375.00	6.7%	

* Please see Table 3 in the report titled "Base Year Modification Request for the City of Tracy" dated September 1, 2003.

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concrete, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inert Solids	Aggregate Processor GC	Mid 1990's	66489
Inert Solids	Aggregate Processor TA	1998-99	42488
Inert Solids	Tracy Delta Disposal Service MRF	1997	4191
Scrap Metal	Tracy Delta Disposal Service MRF	1997	1742

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program. Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]).
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				

10b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.)